

# Comparisons of Job Characteristics

**Focus Occupation: Construction and Building Inspectors (47-4011)**

**Associated Occupation: Inspectors, Testers, Sorters, Samplers, and Weighers (51-9061)**

Compare Knowledge  
Compare Skills  
Compare Abilities  
Compare Detailed Work Activities  
Compare Tools and Technologies

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

## Knowledge

Similarity of Focus Occupation to Associated Occupation: 22

**Focus Occupation: Construction and Building Inspectors (47-4011)**

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Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation
Production and Processing	6.0	11.9	3.4	<< Extensive education and/or training may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

## Skills

Similarity of Focus Occupation to Associated Occupation: 88

**Focus Occupation: Construction and Building Inspectors (47-4011)**

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Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation
Operation Monitoring	6.6	8.0	7.6	0 Current skill level may be sufficient
Quality Control Analysis	5.9	7.9	9.0	> Skill level is likely sufficient
Troubleshooting	4.5	5.5	4.4	< A higher skill level may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

## Abilities

Similarity of Focus Occupation to Associated Occupation: 90

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Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation
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Oral Comprehension	12.5	12.2	13.5	>	Current ability level is likely sufficient
Oral Expression	12.4	11.9	13.6	>	Current ability level is likely sufficient
Near Vision	11.1	10.5	11.5	0	Current ability level may be sufficient
Written Comprehension	11.0	10.1	12.5	>	Current ability level is likely sufficient
Category Flexibility	9.0	9.6	9.4	0	Current ability level may be sufficient
Deductive Reasoning	10.6	9.4	11.2	>	Current ability level is likely sufficient
Problem Sensitivity	11.1	9.2	11.9	>>	Current ability level is likely more than sufficient
Inductive Reasoning	10.2	9.0	11.1	>	Current ability level is likely sufficient
Flexibility of Closure	7.8	8.5	8.4	0	Current ability level may be sufficient
Auditory Attention	5.9	7.6	4.5	<<	Extensive improvement in abilities may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

## Activities that Both Occupations Have in Common

Similarity of Focus  
Occupation to Associated  
Occupation: 81

Focus Occupation: Construction and Building Inspectors (47-4011)

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Work Activities	Exclusivity of Activity
Compare findings with specifications to ensure conformance to standards	99
Compute product or materials test results	87
Direct and coordinate activities of workers or staff	3
Maintain inspection tools or equipment	95
Maintain records, reports, or files	5
Perform safety inspections in industrial, manufacturing or repair setting	32
Prepare reports	8
Prepare safety reports	60
Prepare technical reports or related documentation	22
Read blueprints	10
Read specifications	23
Record test results, test procedures, or inspection data	48
Use knowledge of investigation techniques	16
Use oral or written communication techniques	1

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

## Tools and Technologies that Both Occupations Have in Common

Similarity of Focus  
Occupation to Associated  
Occupation: 71

Focus Occupation: Construction and Building Inspectors (47-4011)

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Tools and Technologies	Exclusivity
Business function specific software	1
Computer printers	2
Computers	1
Content authoring and editing software	1
Electrical measuring and testing equipment	7
Electrochemical measuring instruments and accessories	9
Electronic and communication measuring and testing instruments	14
Fluid mechanics equipment	11
Humidity and moisture measuring instruments	15
Indicating and recording instruments	2
Industry specific software	1
Length and thickness and distance measuring instruments	2
Light and wave generating and measuring equipment	4
Metals and metallurgy and structural materials testing instruments	15
Pressure measuring and control instruments	10
Spectroscopic equipment	10
Temperature and heat measuring instruments	6
Viewing and observing instruments and accessories	4

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.